

Notice of Allowability

Application No.

09/885,081

Examiner

Kuen S Lu

Applicant(s)

JAMESON, KEVIN WADE

Art Unit

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/15/2004.
2. ☒ The allowed claim(s) is/are 41-57.
3. ☒ The drawings filed on 21 June 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. This communication is responsive to the Patent Application Amendments filed on November 15, 2004, and further to the Amendments transmitted to the Examiner on March 4, 2005. Both Amendments are considered.
2. After an update search and a thorough examination of the present Application and in light of the prior arts searched and investigated from different domains, Claims 41-57 are allowed.

Reason for Allowable

3. The following is the Examiner's statement of reasons for allowance:

In the Examiner's Office Action for non-Final Rejection of August 23, 2004, U.S.C. § 102, rejections was mainly based on reference Gould et al. (U.S. Patent 6,505,209, "Poly Vector Reverse Navigation", hereafter "Gould"). The Applicant argued the Gould reference is for navigating hypergraph and does not show the features and principle of the Application. Based on a telephone interview conducted on March 4, 2005, the Applicants filed Amendments on March 4, 2005, to clearly distinguish the Application from prior art.

Based on further reviewing the above consideration and an update search conducted as described below, the Amendment filed on March 4, 2005, is hereby considered and accepted.

The prior arts in domains (EAST, NPL-ACM, Google, NPL-IEEE, etc) searches have been updated. The Examiner further lists two more references which teach some, but

Art Unit: 2167

not all, limitations of each of the independent claims 41, 47 and 53. The following references obtained during the update search is hereby cited by the Examiner.

G) Agranat et al: "EMBEDDED WEB SERVER", U.S. Patent 6,456,308, issued September 24, 2002, Application filed November 17, 2000.

H) Ouellette: "SOFTWARE ARCHITECTURE FOR MESSAGE PROCESSING IN A DISTRIBUTED ARCHITECTURE COMPUTER SYSTEM", U.S. Patent 6,442,619, issued August 27, 2002, Application filed December 31, 1997.

I) Dolin, Jr. et al: "TASK SCHEDULING IN AN EVENT DRIVEN ENVIRONMENT", U.S. Patent 6,493,739, issued December 10, 2002, Application filed March 2, 1999.

The prior arts searched and investigated in domains (EAST, NPL-ACM, Google, NPL-IEEE, etc) do not fairly teach or suggest the teaching of the following limitation of each of the independent Claims 41, 47 and 53, which are stated and highlighted as below.

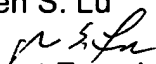
wherein collections are data structures comprised of a collection specifier and collection content containing zero or more collection content files, and wherein a collection specifier contains information about a collection instance, including at least a collection name and a collection type indicator, and wherein said process is performed on or with the aid of a computer configured with collection command applicator software means.

Claims 42-46, 48-52 and 54-57 are dependent on the Claims 41, 47 and 53, respectively, and also distinct from the prior arts for the same reason.

4. Any comments considered necessary by Applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusions

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kuen S Lu whose telephone number is 571-272-4114. The examiner can normally be reached on 8 AM to 5 PM, Monday through Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on 571-272-4107. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

Kuen S. Lu

Patent Examiner

March 17, 2005


Luke Wassum

Primary Examiner

March 17, 2005